1

SEQUENCE LISTING

<110> BASF Plant Science GmbH														
<120> Use of a gene for increase of oil content in plants														
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2

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575 580

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Val Asp Thr Leu Ile Gly Gly Ala Arg Val Ile Ser Asn Lys Val Glu 50 55 60

Lys Asp Ser Asp Ser Glu Gln Arg Gly Arg Lys Lys Glu Thr Thr Gly 65 70 75 80

Pro Asn Asn Tyr His Asn Leu Glu Glu Lys Gln Ala Ser Ala Ile Ser 85 90 95

Leu Asp Ala Asp Asp Glu Asp Leu Asp Glu Ile Ile Ser Tyr Ser His

Leu Asp Ala Asp Asp Glu Asp Leu Asp Glu 11e 11e Ser Tyr Ser His

100 105 110

Asp Gly Asn Tyr Asp Ser Ser His Lys Thr Phe Ser Phe Ser Leu Pro 115 120 125

Phe Gly Asn Thr Asn Phe Arg Ser Ser Ser Pro Leu Ala Ile Ile Lys 130 135 140

Thr Val Leu Pro Lys Thr Pro Asp Glu Phe Ile Lys Lys Asn Leu Arg 145 150 155 160

Lys Asn Glu Ile Lys Gln Lys Leu Lys Lys Ser Thr Ser Ile Ser Ser 165 170 175

Leu Glu Glu Ile Glu Leu Phe Lys Tyr Glu Arg Gly Ile Asp Asn Ser 180 185 190

Arg Leu Arg Ala Val Lys Glu Ser Leu Glu Met Asp Ala Leu Lys Asn 195 200 205

Ser Ile Lys Gln Ile Thr Ala Asp Pro Phe Asp Lys Thr His Asp Gly 210 215 220

Tyr Tyr Arg Ser Arg Leu Glu Ser Ile Trp Asn Glu Leu Glu Gly Asp 225 230 235 240

Val Val Ile Met Gly Gly Tyr Arg Gly Ser Val Leu Arg Asp Ala Thr 245 250 255

Thr His Lys Arg Ile Trp Ile Pro Leu Lys Ala Gly Leu Asn Met Thr 260 265 270

Lys Val Asp Leu Leu Ile Gly Pro Asn Asp Glu Asp Glu Leu Lys Thr 275 280 285

Gln Lys Glu Ile Val Pro Asp Gly Met Leu Thr His Ile Gly Pro Val 290 295 300

Asp Ile Ser Lys Arg Leu Ile Lys Arg Leu Asp Ala Asn Pro Asn Leu 305 310 315 320

Asn Val Gln Gln Phe Gly Tyr Asp Trp Arg Leu Ser Leu Asp Ile Ser 325 330 335

Ala Lys His Leu Thr Thr Lys Leu Glu Glu Ile Tyr Asn Lys Gln Lys 340 345 350

Asn Lys Lys Gly Ile Tyr Ile Ile Ala His Ser Met Gly Gly Leu Val 355 360 365

Ala His Lys Val Leu Gln Asp Cys Thr His Leu Ile Arg Gly Ile Ile 370 375 380

Tyr Val Gly Ser Pro Ser Gln Cys Pro Asn Ile Leu Gly Pro Ile Arg 395 Phe Gly Asp Asp Val Met Trp Asn Lys Leu Phe Ser Leu Arg Thr Asn Phe Phe Met Arg Ser Ser Phe Tyr Phe Leu Pro Leu Asp Gly Arg Cys 425 Phe Val Asp Lys Ile Thr Leu Glu Arg Tyr Asp Phe Asp Phe Phe Asp Thr Asp Val Trp Lys Thr Leu Gly Leu Ser Pro Leu Val Asn Glu Lys 455 Arg Glu Glu Ser Ala His Glu Lys Ser Lys Leu Leu Pro Arg Lys Thr 470 475 Lys Ser Ala Leu Ser Leu Lys Ala Thr Leu Asn Ala Thr Thr Lys Phe 490 Val Leu Asn Ala Pro Val Val Arg Asn Val Ala Gly Asn Asn Lys Gln Val Pro Arg Asp Val Pro Phe Asp Glu Val Phe His Thr Ser Tyr Glu 520 Asp Ser Cys Glu Tyr Leu Ala Arg Thr Leu Lys Arg Thr Lys Asn Tyr Leu Asp Ser Leu Asp Tyr Asp Pro Asn Lys Glu Tyr Pro Pro Leu Ala Met Val Tyr Gly Asn Lys Val Pro Thr Val Arg Gly Ala Lys Val Asn 565 570 Gly Ile Gln Asp Ile Lys Asp Gly Asn Tyr Glu Asp Phe Tyr Tyr Gly Pro Gly Asp Gly Val Val His His Lys Trp Leu Leu Pro Glu Gln Arg 600 Gly Phe Pro Val Val Cys Lys Ile Ala Ser Ser Ser Gly His Val Ser 610 615 Leu Met Thr Asp Leu Lys Ser Met Ala Lys Ala Phe Ile Ser Ile Val 630 635 Asp Ser Glu Lys Glu Gly Arg Arg Ser Arg Thr Arg Thr Ser Ser 650
